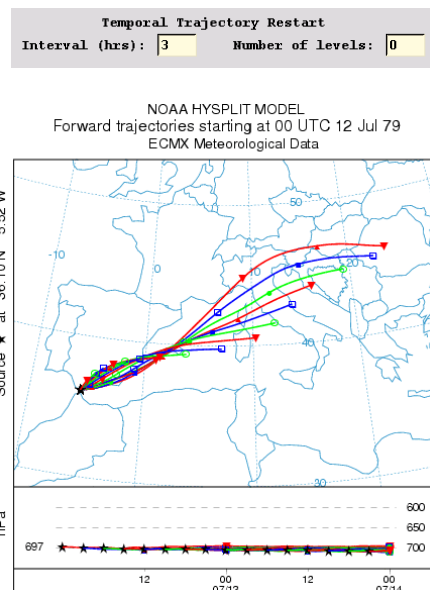


Multiple Trajectories

Normally trajectories are started only at the initial time at the locations specified. Using the “advanced, trajectory, configuration” menu tab, trajectories can also be started at regular time intervals from the same location by setting the restart interval (e.g. to 3-h). Leave the other parameters the same as in the original isobaric trajectory. The resulting trajectory graphic shows new trajectories every 3-h, terminating at the end of the 48-h computational period. Trajectories starting later will have a shorter duration. All trajectories can be set to have the same duration from the “advanced” menu tab. The multiple-level option was shown earlier.



The GUI can be used to configure only 6 starting locations. The model can support an unlimited number of locations. The GUI does have a shortcut method to configure a regular matrix of locations by defining three points, representing the lower left, upper right, and location increment. Once configured, the “run matrix” option is selected through the “special simulations” menu tab. This causes the control file to be rewritten externally from the GUI to the number of locations defined by the grid (in this case 48). The graphic shows the matrix of 24-h duration isobaric trajectories (labels off). In this case, because height varies across the matrix, the MSL option was selected from the “advanced” menu.

